

H2 Highway
City of Torrance, CA
11-19-2008
Stephen Ellis
Manager, Fuel Cell Marketing



FCX
CLARITY

Next 50 Years of the Automobile

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- *Much higher efficiency*
- *Diverse and renewable energy sourcing, energy network*
- *Zero emissions*

FUTURE AUTO

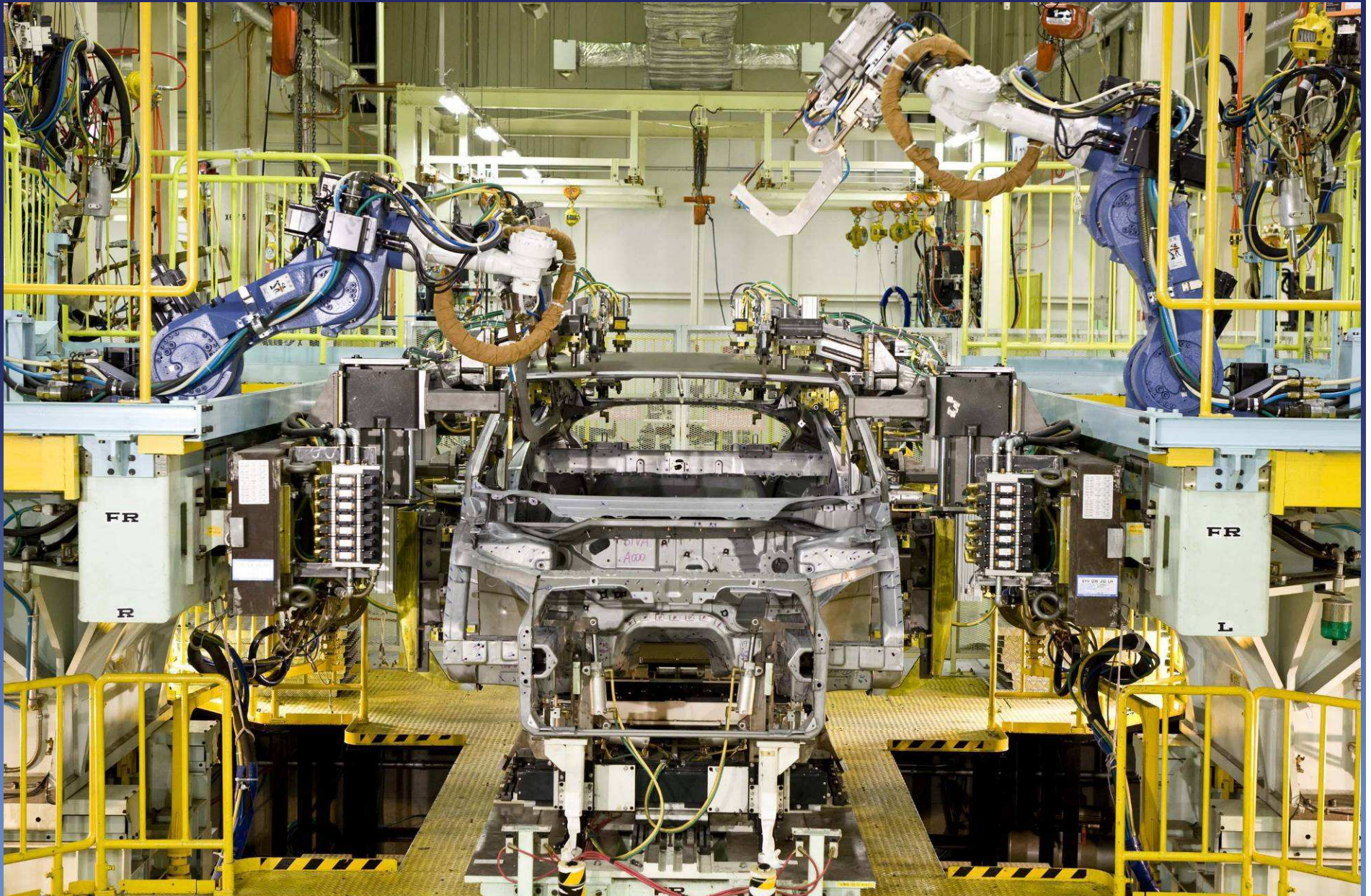
H2



FCV Technology: Examples of Progress

Assembly Line Production Processes

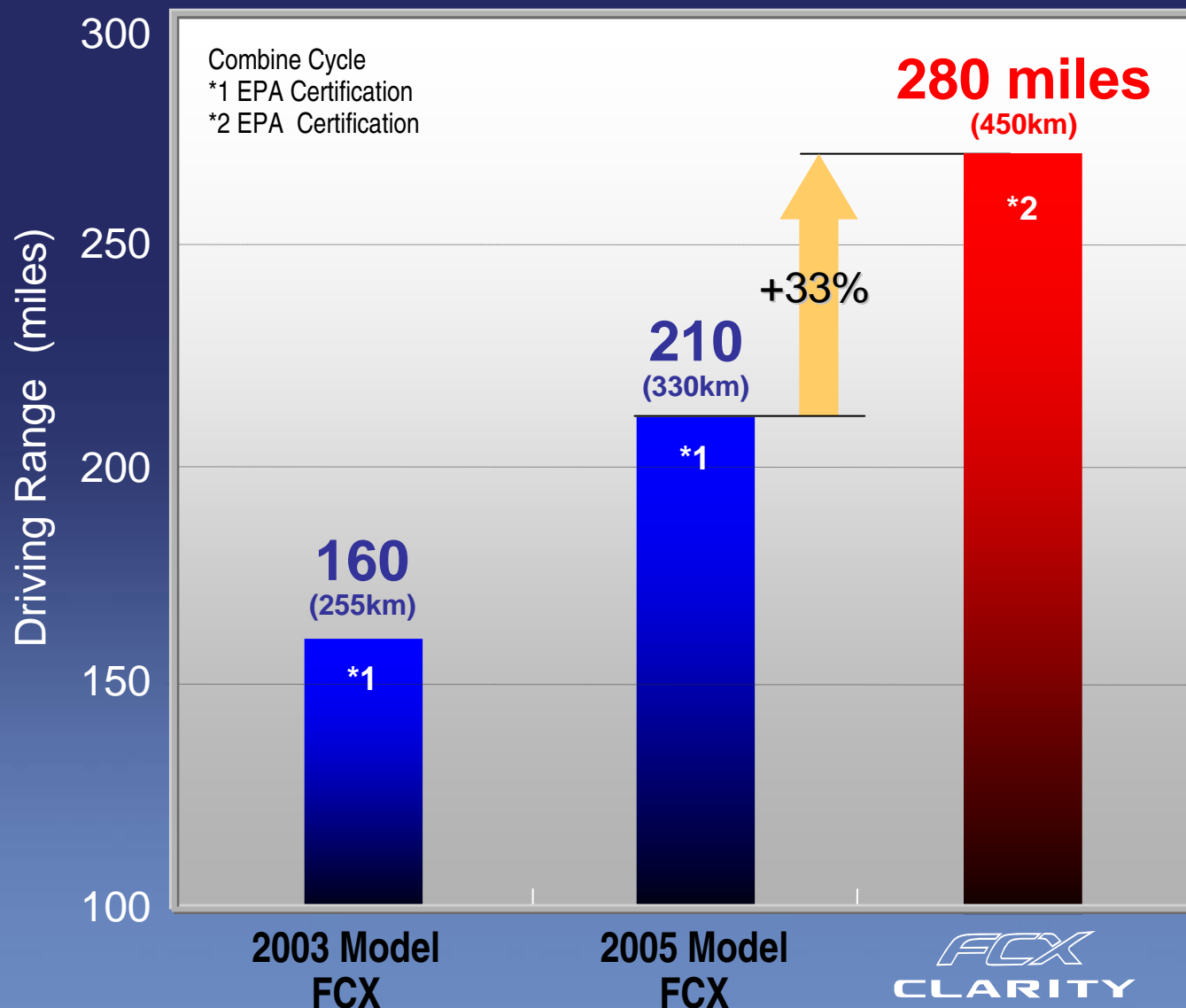
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Increased Driving Range

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Driving range improved by 33% over 2005 FCX to 280 miles. 5,000 psi pressure



FCX Clarity Program: (So. California)

Critical to expand infrastructure to support early vehicles

Honda's Initial Focus:

3 markets within Southern California
3 primary stations, 4 secondary



World first dealership delivery of FCX Clarity 25/July'08

Honda of Santa Monica



The contract is signed



License plate H2 and HOV sticker



FCX Clarity Retail Customers



3rd Clarity Customer



Summary

- Early focus is So Cal / LA Market Area
- Announced 3 focus areas: Santa Monica, Torrance, Irvine/Newport Beach
- Established dealership network to support consumers.
- Significant vehicle rollout plan, deliveries have begun
- Planned stations are insufficient to meet consumer refueling needs and vehicle volume
- Lessons Learned:
 - Need several stations in a community, a “cluster”
 - 350 and 700 bar, > 100kg day capacity
 - Grounding / connection free
 - Under 7 minutes fill time
 - Location is CRITICAL to success, consumers vs fleet
- Location preference:
 - Torrance / South Bay area.. PCH and major intersections
 - City of Los Angeles, Downtown
 - Santa Monica, Downtown
- Liability relief, government role to assist

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